

No. 4,978,648 to Barbé et al., all together or all in view of Japanese Patent Publication No. 2-242,804 to Denko, is respectfully traversed. The applicants have discovered that the use of specified cyclopolyenic 1,3-diethers as either internal or external electron donors to olefin polymerization catalysts permits very high levels of stereospecificity while maintaining high catalytic activity (Specification, page 3, lines 2-7 and lines 23 to page 4, line 4).

The cited combination of references fails to raise a prima facie case of obviousness against the claimed invention because there is no suggestion to modify the mono-unsaturated cyclic analogues disclosed by Albizatti '213 by using multiple unsaturations in position 2 of the 1,3-diether. The generic disclosure of "at least a double bond" (col. 2, lines 3-8), is too broad to provide the required suggestion, especially when read in conjunction with the subsequent disclosure of optional unsaturation at various positions of the 1,3-diether of Albizatti et al. In particular, R_1 and R_2 may optionally be unsaturated in addition to X. (Col. 2, lines 9-60). There is no reason to believe that one of ordinary skill in the art would understand that multiple unsaturations should occur at position 2 rather than single unsaturation at either R_1 , R_2 and/or X.

The Patent Office has also failed to explain why one of ordinary skill in the art would be motivated to use an unsaturated

analogue of the saturated diethers of Albizatti '492 and Barbé et al. Denko et al. is directed to a 1,1-diether rather than a 1,3-diether and thus is even less relevant than the primary references. There is no suggestion in the prior art to substitute the cyclopolyenic 1,3-diether of the claimed invention for the saturated cyclic analogues disclosed by Albizatti '492 and Barbé et al.

The cited references also fail to suggest modifying the 1,3-diether taught in Albizzati '213 to arrive at the claimed cyclopolyenic 1,3-diethers. Reconsideration and withdrawal of the obviousness rejection of claims 1-6, 8-20 and 22-29 are earnestly requested.

It is believed the Application is in condition for allowance. Reconsideration and withdrawal of the obviousness rejection of claims 1-6, 8-20 and 22-29, and issuance of a Notice of Allowance directed to claims 1-29, are earnestly requested. The Examiner is

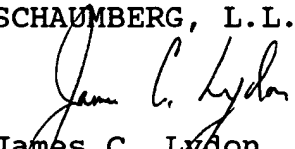
U.S. Patent Appln. S.N. 08/603,497
AMENDMENT AFTER FINAL REJECTION

PATENT

urged to telephone the undersigned should he believe any further action is required for allowance.

Respectfully submitted,

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